

Appendix (Non-Mandatory)

Disclaimer:

Please note that the information contained in this appendix is provided for informational purposes only. It is provided as a guidance tool and does not alter or determine compliance with OSHA or KY OSH Program standards. Its content does not replace any provision set forth in the applicable standard(s).

1.) Some Typical Corrosives (This is not a totally inclusive list.)

Acidic corrosives (will burn skin)	Hydrochloric Acid, Sulfuric Acid
Alkaline corrosives (feel soapy on skin)	Sodium Hydroxide, Potassium Hydroxide
Corrosive dehydrating agents	Phosphorus Pentoxide, Calcium Oxide
Corrosive oxidizing agents	Perchloric Acid, Chlorine
Organic corrosives	Phenol, Acetic Acid

2.) Some Operations Involving Corrosive Chemicals (This is not a totally inclusive list.)

- Industrial truck battery charging.
- Concrete etching.
- Glass etching.
- Laboratories.
- Water / sewage treatment.
- Janitorial chemicals.

3.) Sample Method of Field Testing to Determine Approximate Flow Rate

- a. Obtain a 1 gallon container and timepiece which keeps seconds.
- b. Operate the eyewash/shower equipment, using the container to collect the wash water or solution for a set time period.
- c. Mathematically determine flow rate.
- d. If it takes 30 seconds to fill a 1 gallon container, then the flow rate for the unit is 2 gallons per minute.

4.) Equipment Represented as “Meeting ANSI,” or “OSHA Approved.”

- Neither the KY OSH Program nor OSHA engages in the endorsement or approval of products or equipment.
- Equipment may be certified by a testing lab to meet performance requirements of ANSI Z358.1, such as minimum flow rate. However, factors such as the manner in which the equipment is installed or maintained may cause the unit to fail to meet the requirements of the ANSI standard.